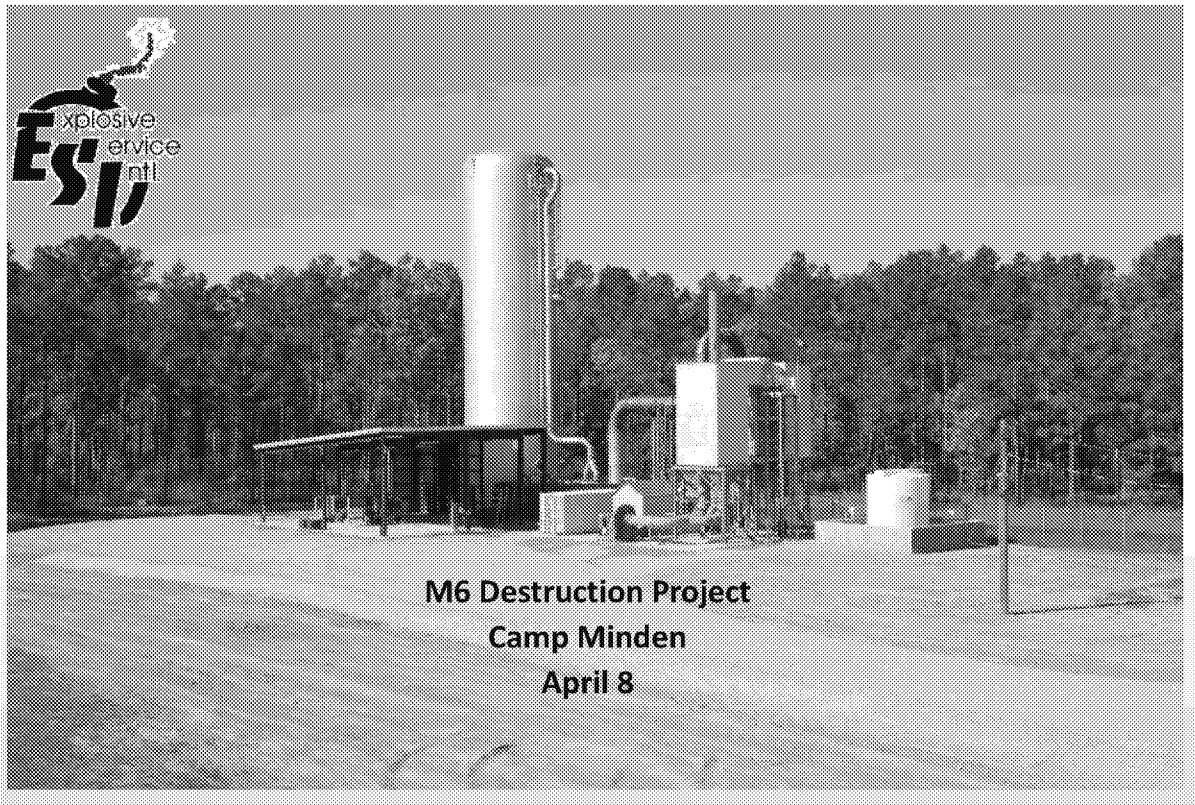


M6 Destruction Project

Camp Minden

April 8

Purpose

Project Update

Path forward

Tour

Press Conference

Explosive Service International

- 29 years in business as a Louisiana-based explosive company
- Routinely work in less than ideal conditions with explosives
- Industry leading safety record (zero explosive accidents or injuries)

Team

El Dorado Engineering, Inc.

Commitment to Community
Hire Local

- 29 full time Louisiana employees
  - 19 local hires (Explosive Technicians and Operators) employed from surrounding communities
- Ray Bell Contracting, Civil, Foundation, and Building Construction – Minden, LA
- Encompass Enterprise, LLC Const. Mgt - Dubberly, LA
- JM Superior Service Co. Electrical Contractor – Minden, LA
- Reynolds Industrial Mechanical Contractor – Minden, LA
- Ark-La-Tex Metal Buildings – Bossier City, LA
- American Testing Laboratory, Roy Jones Bossier City, LA
- Wayne Avery Catering – Minden, LA

Significance

- Largest removal/thermal treatment of explosive ever conducted in the World
- Largest thermal treatment unit (Contained Burn Chamber) in the World
- Most advanced pollution abatement system
  - Cleanest emissions from explosive thermal treatment in the U.S. and possibly the world

Project Criteria

- Construct the Contained Burn System as quickly as possible to mitigate dangers associated with ~ 16MM lbs. of propellant in the safest and most environmental protective manner
  - Time sensitive – Instability of Propellant
  - Protective of worker and community health
  - Protective of environment

Herculean Effort

- > than 4,000 engineering design hours completed in a few months which normally 6 months
- Complete construction of facility in 8 months compared to the normal 18 - 24months
  - Fabrication of the components off-site while simultaneously constructing the facility to expedite completion.
- Double work crew sizes to recover from rain delays
- Working with lights at night on critical weather sensitive construction
- Chamber Fabricator – extra crews to meet schedule
  (Largest vessel they have ever manufactured)
- Movement of Chamber Oklahoma – Camp Minden

Operational Phases

- Phase 1- Site Prep/Mobilization/Construction

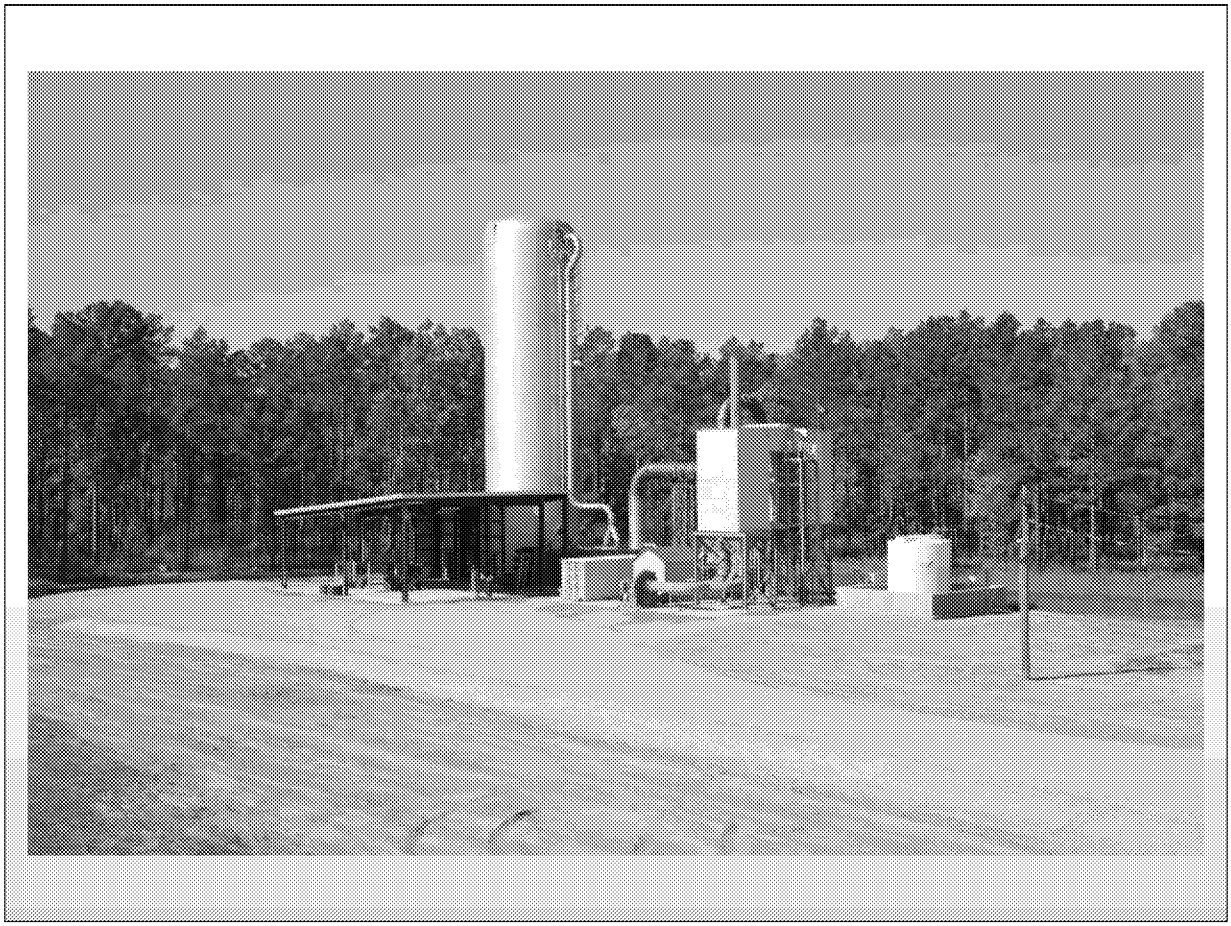
  Complete

- Phase 2- Removal Action

  Begins next week

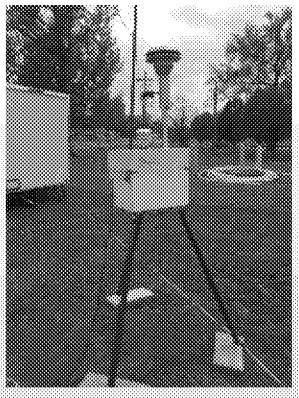
- Phase 3- Site close-out/ Demobilization

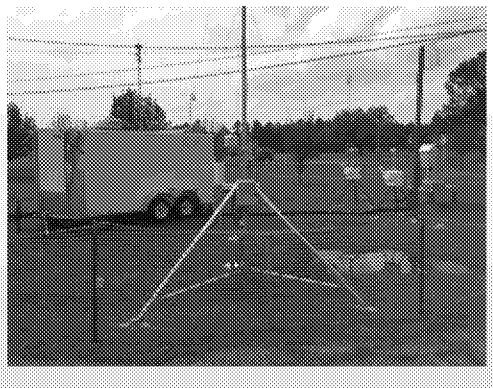
  ~ 1 year



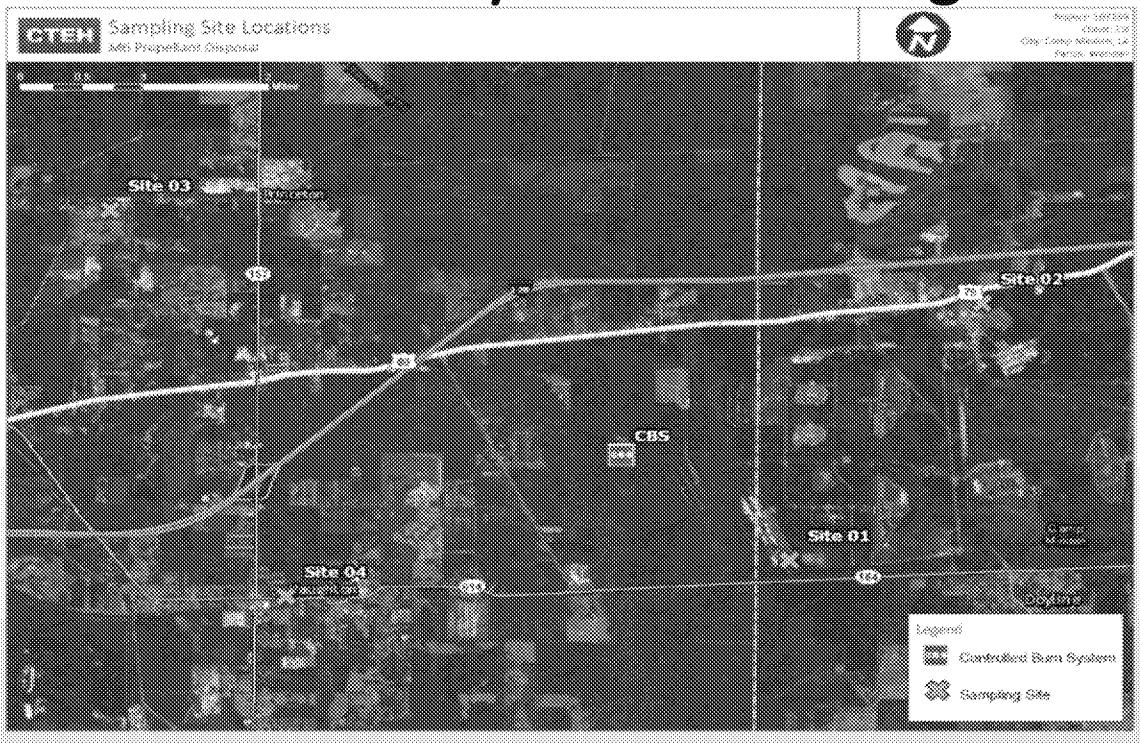
Protective of the Environment

- Stack Emission Continuous Monitoring & Sampling
- Operational Process Monitoring
- Soil, Surface Water and Groundwater monitoring
- Community Air Monitoring & Sampling 4 locations



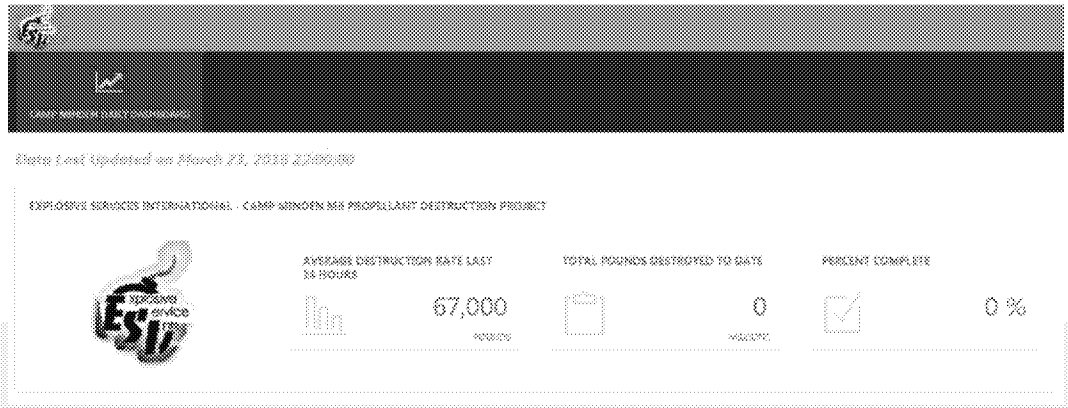


Community Air Monitoring



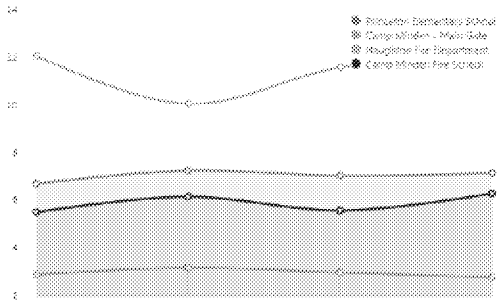
Dashboard

www.esicampminden.com

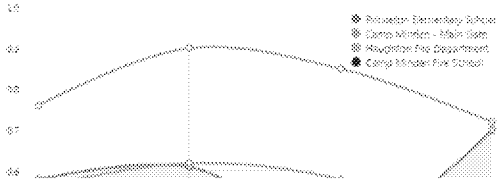


24 HR COMMUNITY MONITORING

Nitrogen Oxides (NO_x), ppb – NAAQS Limit 100 ppb



Carbon Monoxide (CO), ppm – NAAQS Limit 35 ppm

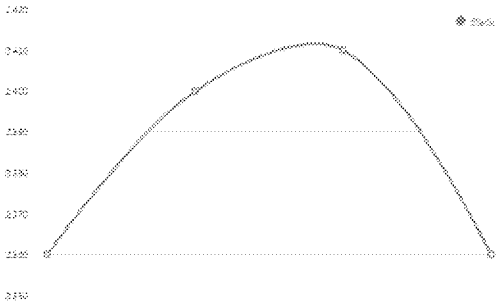


24 HR STACK EMISSION MONITORING

Wind Data – Last Recorded on 8/23/2018 08:00:30

DIRECTION	SPEED (MPH)
North	10

Carbon Monoxide (CO), ppm – Limit 20 ppm



Schedule

- Currently conducting training and final systemization
- Week of 11Apr2016 for first live fire
- 30 days of ramp up
- Mid-May conduct Comprehensive Performance Test on stack emissions ~ 7 days
- ~ 2 weeks of down time waiting on partial (SVOC) analytical results/report/review
- On or about first week in June - full production (24/7)
- Destruction complete in approximately 12 months
- Demobilization/Site Restoration complete 3 months

Questions?